



## PART B- FEE(S) TRANSMITTAL

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 Commissioner for Patents  
 P.O. Box 1450  
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Or Fax

520.30414R46

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 020457 7590 10/20/2008

ANTONELLI, TERRY STOUT & KRAUS, LLP  
 1300 NORTH SEVENTEENTH STREET  
 SUITE 1800  
 ARLINGTON, VA 22209-3873

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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope Addressed to the Mail Stop ISSUE FEE address above, or being facsimile Transmitted to the USPTO (571) 273-2885, on the date indicated below.

Ricardo E. Perez (Depositor's name)  
 Ricardo E. Perez (Signature)  
 01/04/2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/060,304	02/01/2002	Shigekazu Kato	520.30414R46	7102

TITLE OF INVENTION: VACUUM PROCESSING OPERATING METHOD WITH WAFERS, SUBSTRATES AND OTHER SEMICONDUCTORS THEREFOR

01 FC:1501  
 02 FC:0001  
 1400.00 OP

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE (\$)	DATE DUE
Nonprovisional	NO	\$1400	\$0	\$1400	01/22/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
GRAVINI, STEPHEN MICHAEL	3749	034-406000

1. Change of correspondence address or indication of "Fee Address": (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence)

Address form PTO/SB/122) attached.  
 agents OR, alternatively,

☐ "Fee Address" Indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys 1 ANTONELLI, TERRY, STOUT AND KRAUS, LLP.

Or agents OR, alternatively,  
 (2) the name of single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

HITACHI, LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

TOKYO, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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☐ Publication Fee (No small entity discount permitted)

☒ Advance Order- # of Copies 4

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6. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid Issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

William I. Solomon

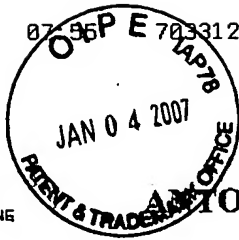
Date: JANUARY 4, 2007

Registration No. 28,565

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) An application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and Submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete This form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



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**FACSIMILE TRANSMITTAL SHEET**

January 4, 2007

TO: Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RE: U.S. Patent Application No. 10/060,304  
For: VACUUM PROCESSING OPERATING METHOD WITH WAFERS,  
SUBSTRATES AND/OR SEMICONDUCTORS THEREFOR  
Filing Date: 02/01/2002  
Atty. Docket No. 520.30414R46

From: William I. Solomon

Fax Number: (571) 273-2885

Total Number of Pages: 3

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I hereby certify that on January 4, 2007, the above-identified documents are being  
facsimile transmitted to the United States Patent and Trademark Office.

Ricardo E. Perez

Name (Print)

Signature